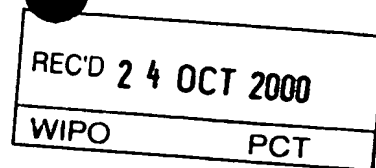




PCT/AU00/01116



#2
10/088388

4

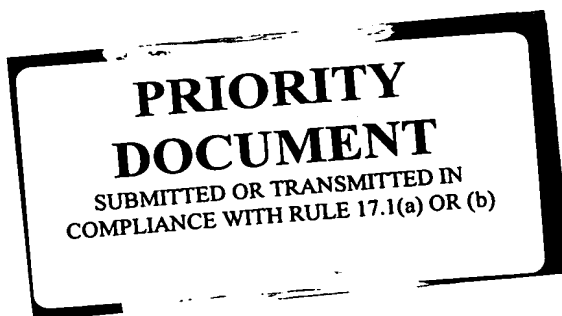
Patent Office
Canberra

AU 00/01116

I, CASSANDRA RICHARDS, ACTING TEAM LEADER EXAMINATION
SUPPORT & SALES hereby certify that annexed is a true copy of the
Provisional specification in connection with Application No. PQ 2815 for a
patent by WARRICK SMITH filed on 15 September 1999.

WITNESS my hand this
Eighteenth day of October 2000

CASSANDRA RICHARDS
ACTING TEAM LEADER
EXAMINATION SUPPORT & SALES



BEST AVAILABLE COPY

TRUE COPY

STICK WITH MAGNETIC SURFACES (GRAB STICK).

THE PRESENT INVENTION RELATES TO A METHOD OR MEANS OF HOLDING MATERIALS IN PLACE AGAINST A METAL STRUCTURE, BY THE MEANS OF MAGNETS MOUNTED IN A SUPPORT MATERIAL FOR THE PURPOSE OF FIXING OR ADHERING THE MATERIAL TO THE STRUCTURE.

IN THE BUILDING INDUSTRY IT IS NECESSARY TO FASTEN LENGTHS OF INSULATION PAPER TO THE WALL FRAMEWORK OR ROOF FRAMEWORK BEFORE THE WALLS OR ROOF ARE COVERED IN OR CLAIRED. AFTER THE MATERIAL HAS BEEN DISPENSED TO THE EXTERIOR SURFACES TO ROOFS OR WALLS IT IS DIFFICULT TO FIX OR ADHERE THESE MATERIALS TO THE SURFACE ESPECIALLY IF THIS SURFACE IS OF METAL. THEREFORE THIS INVENTION HOLDS SUCH MATERIALS UNTIL ADHESIVES CAN CURE OR FASTENERS CAN BE SECURED.

THE SAID INVENTION IS DESCRIBED AS FOLLOWS, IT IS A TUBE OR ROD OF ANY SIZE OR MADE OF ANY MATERIAL TO HOUSE MAGNETS, EITHER SURFACE MOUNTED OR FLUSH MOUNTED (BY RECESSING MAGNETS INTO SUPPORT MATERIAL OR FIXING MAGNETS TO SURFACE OF SUPPORT MATERIAL). THIS FORMING A ROD OR TUBE WITH MAGNETIC SURFACES. ANY NUMBER OF ~~MAGNETS CAN BE INCORPORATED INTO THIS TUBE OR ROD AND ITS LENGTH~~ CAN VARY ACCORDING TO ITS REQUIREMENTS. THIS SUPPORT MATERIAL WITH MAGNETIC SURFACES IS USED TO HOLD MATERIAL TO A METAL OR MAGNETIC RECEPTIVE SURFACE, TO ENSURE SUCH A SHEET MATERIAL TO BE FIXED OR ADHERED TO THE WALL OR ROOF MEMBERS. THIS CONFIGURATION CAN BE ADAPTED TO SUPPORT MATERIALS IN A VERTICAL OR HORIZONTAL POSITION FOR WHATEVER PURPOSE.

(TRUE COPY)

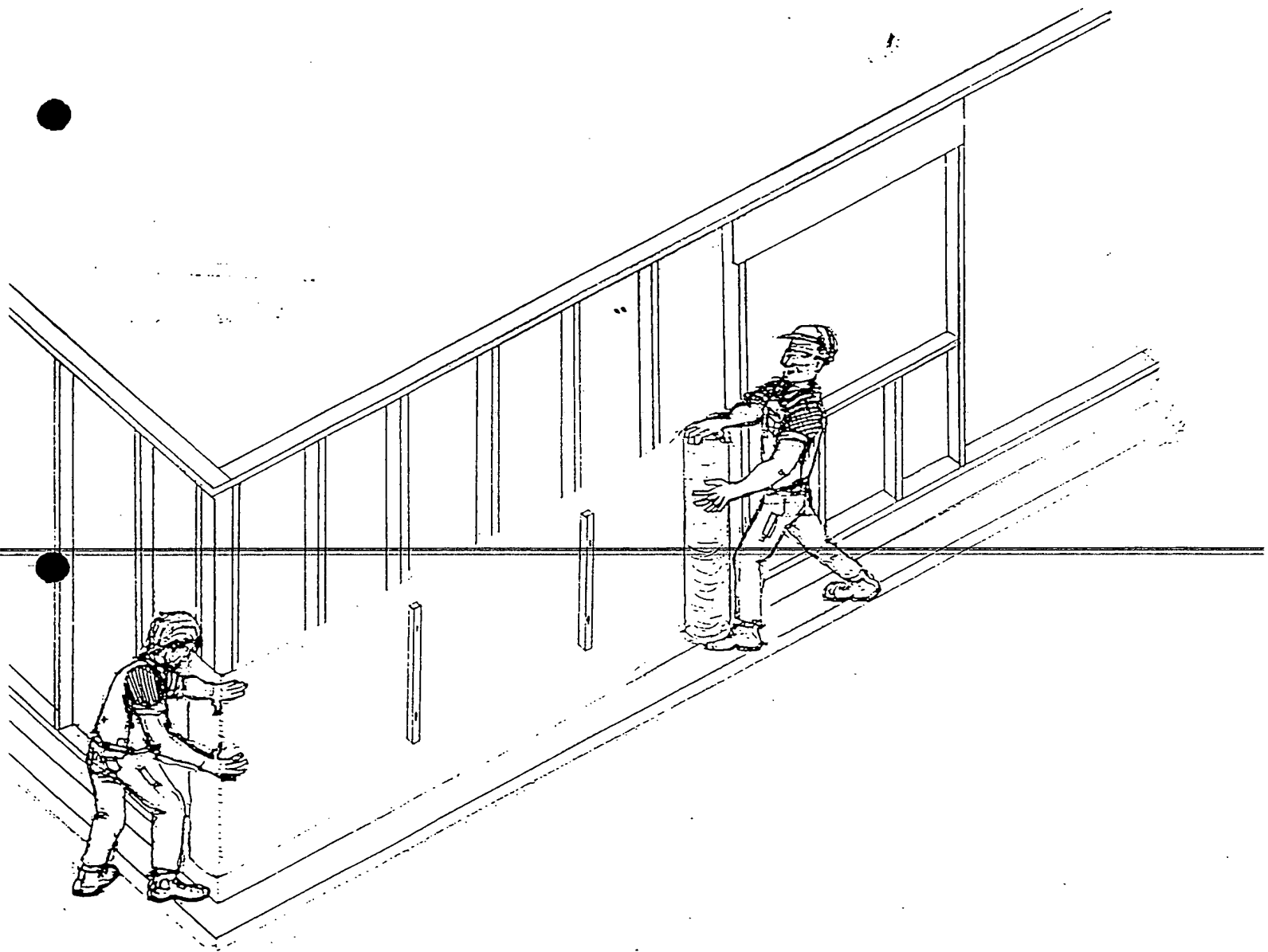
DRAWING No 1. TWO TRAVELMEN DISPENSING INSULATION PAPER TO STEEL HOUSE FRAME USING MAGNETIC STICKS TO HOLD THE PAPER IN POSITION UNTIL AN ADHESIVE APPLIED TO THE ~~AT~~ SURFACE OF THE METAL STUD BEHIND THE PAPER CAN CURE.

DRAWING No 2. TWO PLUMBERS FITTING SARKING TO A STEEL HOUSE ROOF USING THE MAGNETIC STICKS TO HOLD THE SARKING IN PLACE AND DOWN UNTIL THE ROOF COVERING CAN BE PUT IN PLACE.

DRAWING No 3. GIVING TWO EXAMPLES OF HOW MAGNETS CAN BE MOUNTED TO SUPPORT MATERIAL AND GREATER DETAIL OF HOW THE IDEA WORKS.

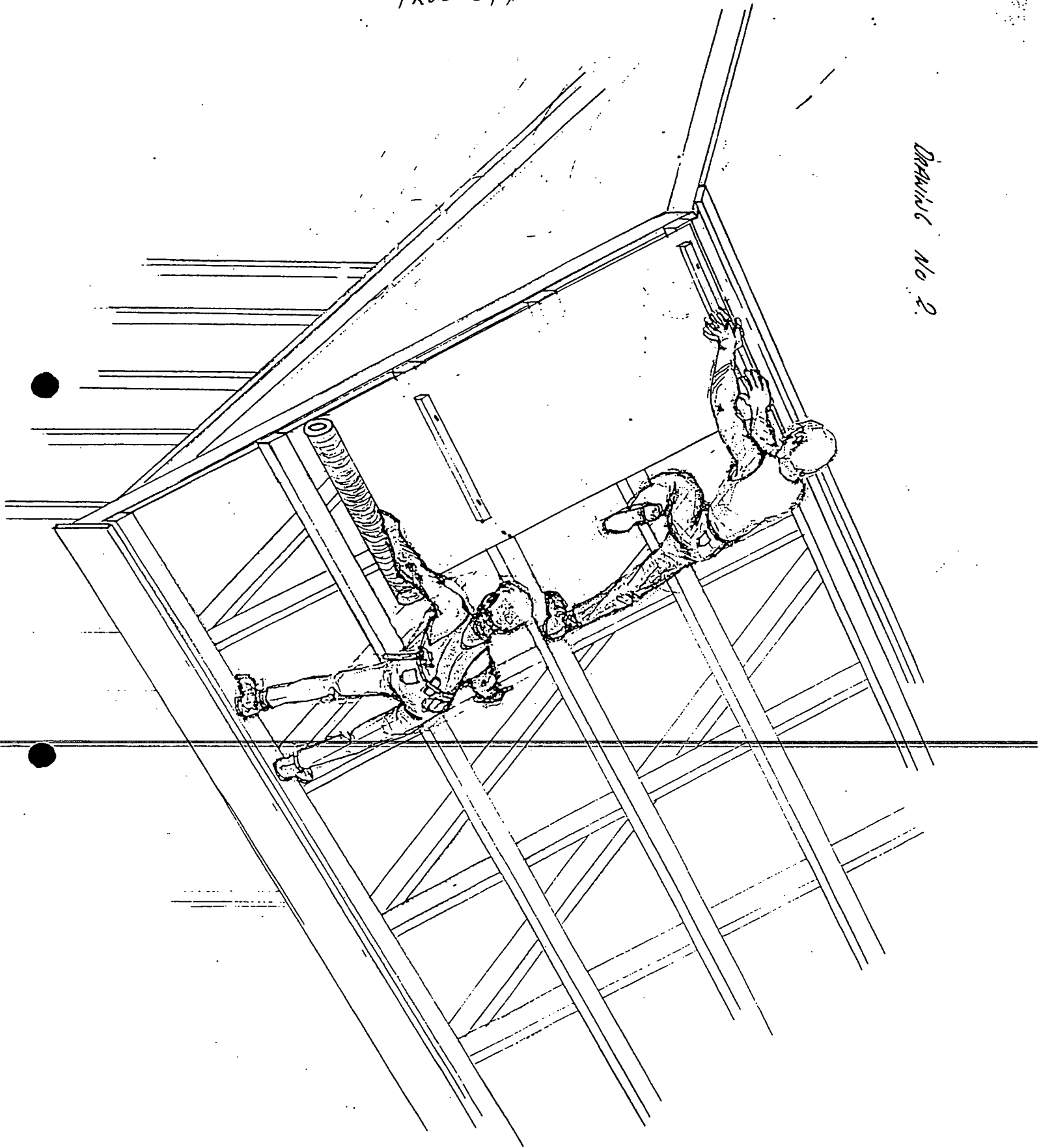
TRUE COPY

DRAWING NO 1



TRUE COPY

DRAWING No. 2.



DRAWING NO 3.

GRAB STICK

ROD OR TUBE

MAGNET

METAL STUD

SQUARE ALUMINIUM SECTION WITH 1-2MM WALL THICKNESS

THERMAL PAPER

METAL HOUSE STUD

MAGNET NEEDED INTO WOODEN BLOCK

WOODEN BLOCK

DETAIL (A)

THERMAL PAPER BETWEEN ROD AND METAL SUB STRANT.

METAL STUD OR STEEL LOOF SECTION

DETAIL (B)

SQUARE ALUMINIUM TUBING

THERMAL PAPER

METAL WALL STUD OR ROOF SECTION

MAGNET

TAPERED POST

METAL THICKNESS

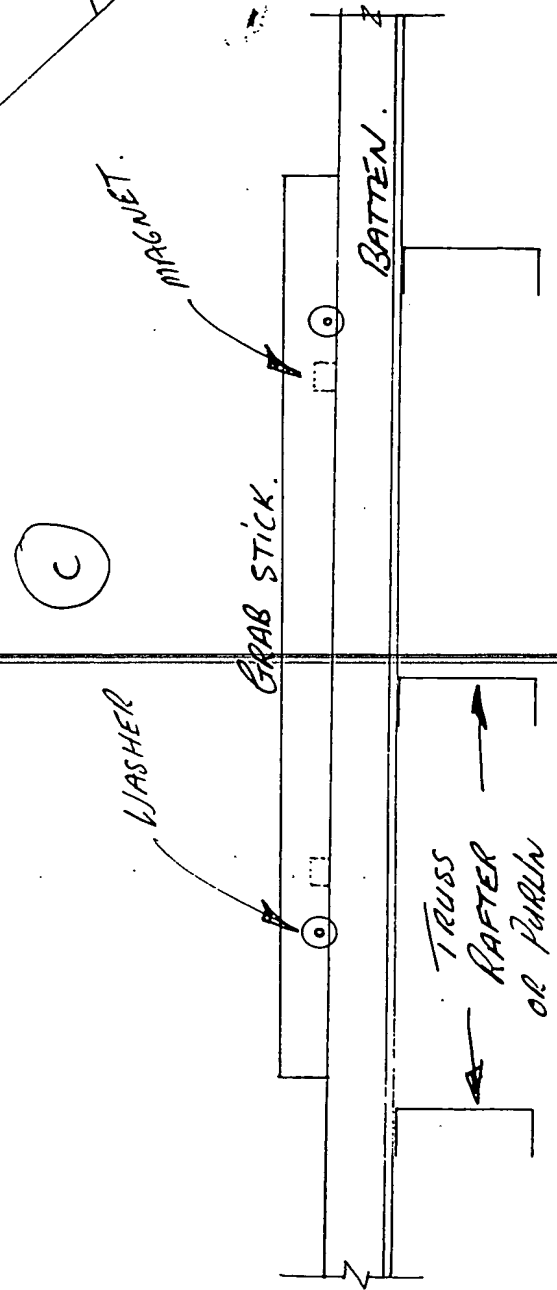
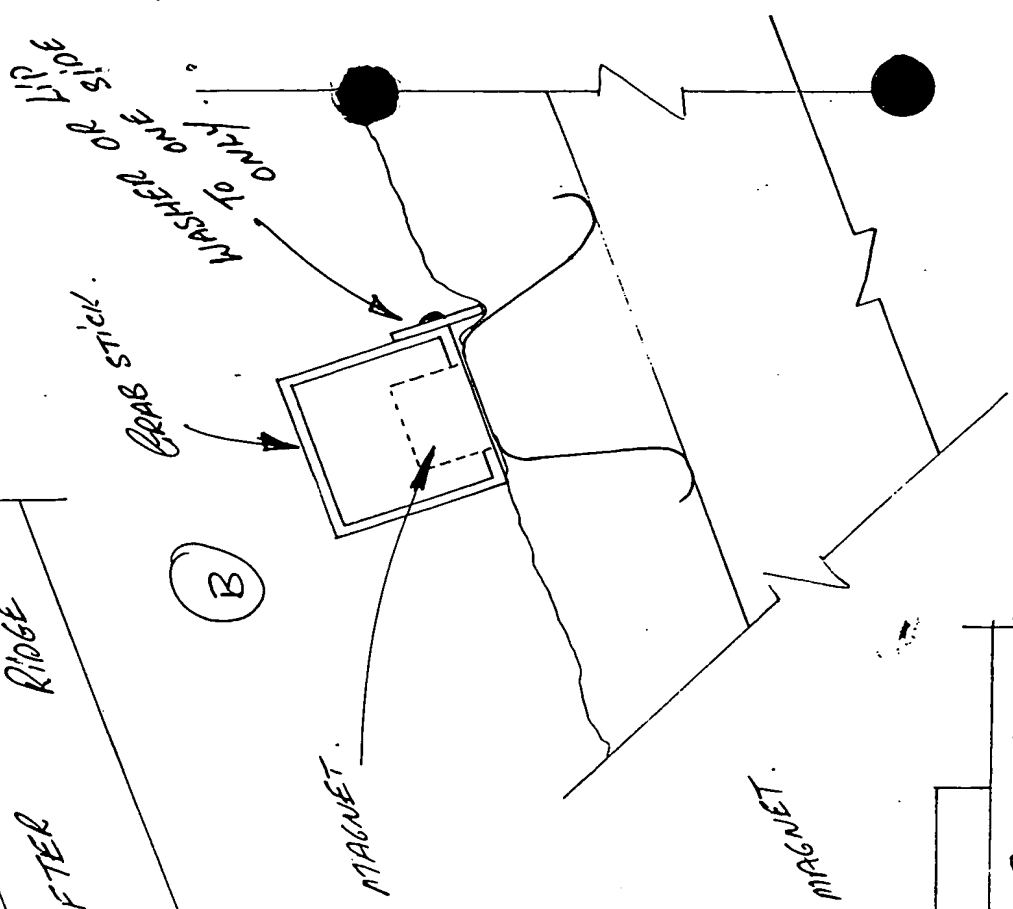
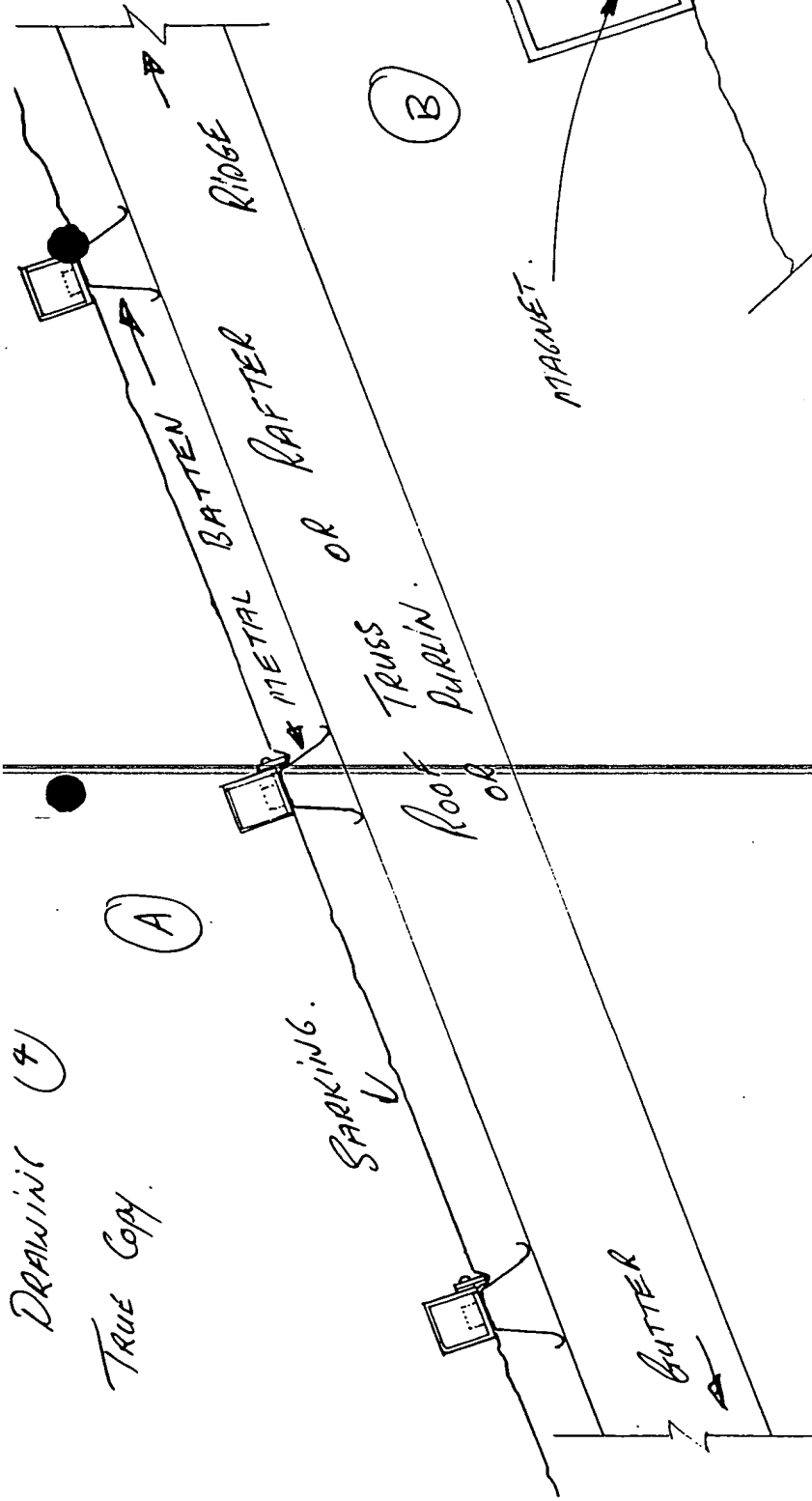
SURFACE MOUNTED MAGNET

DETAIL (B)

FAIRLY MOUNTED MAGNET.

(TRUE COPY)

DRAWING (7)
TRUE COPY.



DRAWING.

(4)

(SIDE VIEW)

(A) SHOWS THREE GRAB STICKS HOLDING SARKING DOWN TO METAL BATTEN UNTIL ROOF CLADDING CAN BE PUT IN PLACE AND GRAB STICK CAN BE REMOVED SO METAL CLADDING CAN BE SECURED TO ROOF BATTENS. (NOTE: ANTI SLIP WASHERS OR LIP TO RIDGE OR UPPER SIDE OF BATTEN SO IF SARKING WANTS TO SLIP DOWN ROOF, THE GRAB STICK CAN'T SLID WITH IT.)

(SIDE VIEW)

(B) DETAIL VIEW OF GRAB STICK SHOWING MAGNET POSITION NON SLIP LIP POSITIONING AND ITS RELATIONSHIP TO ROOF SARKING AND BATTEN.

BACK VIEW.

(C) THIS DIAGRAM SHOWS THE BACK VIEW OF GRAB STICK AND A TYPE OF MAGNET AND NON SLIP WASHER POSITIONING.

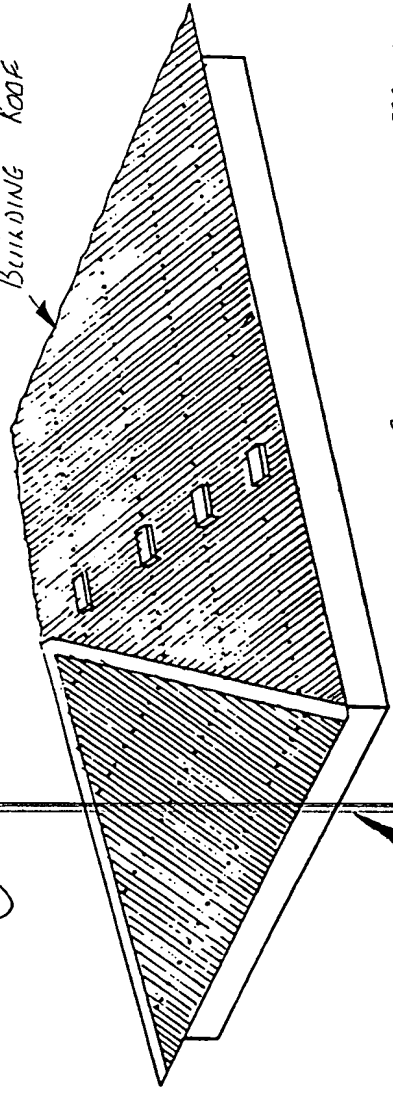
True Copy.

DRAWING
(True Copy)

3

A

Building Roof



C

MAGNET EMBEDDED IN BLOCK.

THIN RUBBER SURFACE
MINIMIZE SLIPPAGE.

STEPPING BLOCK

METAL ANTI-SLIP
CHANNEL

ROOF CLADDING

METAL OR WOOD
TECH SCREW

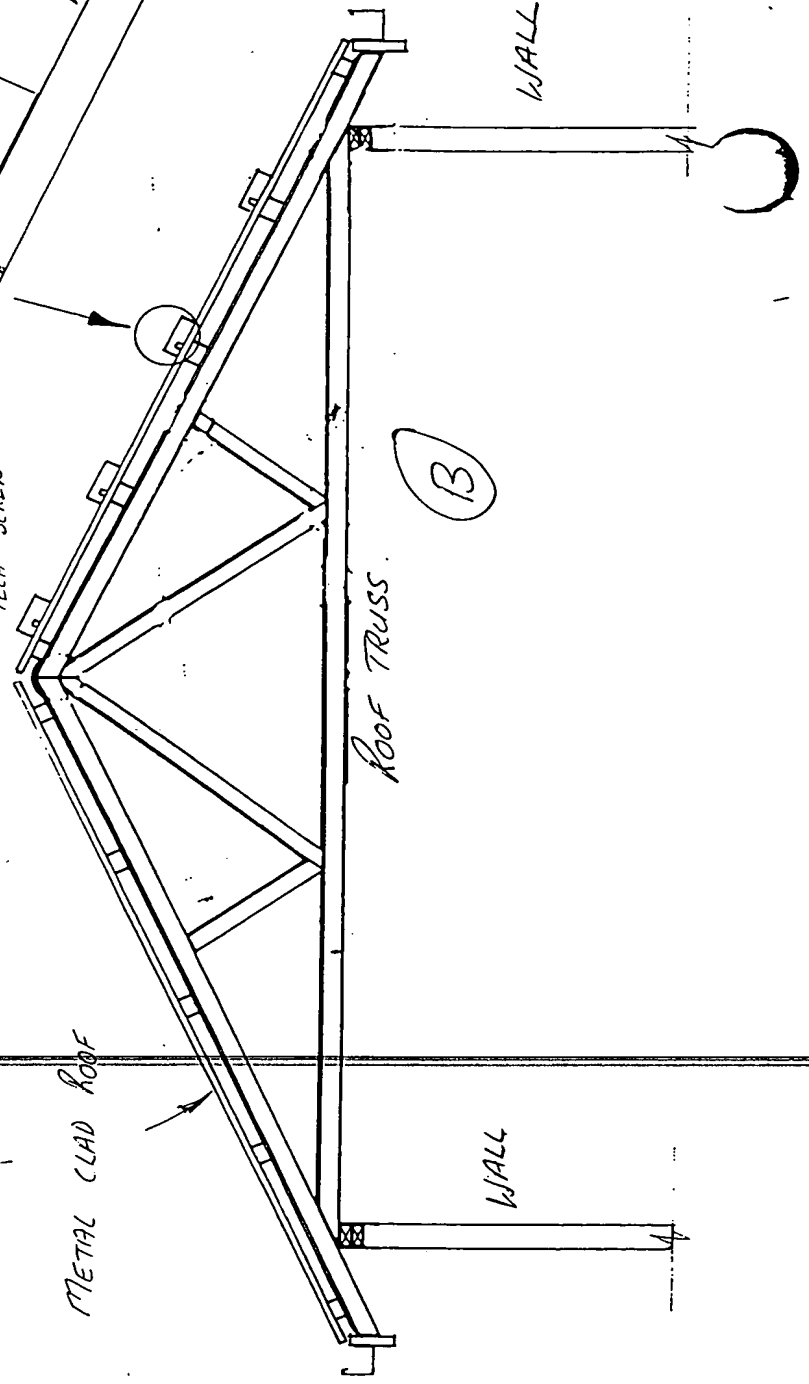
METAL CLAD ROOF

ROOF TRUSS

B

WALL

WALL



Diagram

(5)

(True copy)

(A) SHOWS A METAL CLAD ROOF THAT HAS PARTLY BEEN FLASHED. BECAUSE OF EITHER FROST OR WET WEATHER THE ROOF CAN BE SLIPPERY SO BLOCKS WITH MAGNETS EMBEDDED IN THEM ARE LOCATED OVER SCREWS IN ROOF AND ARE USED TO CREATE NON SLIP STEPPING BLOCKS TO GIVE YOU SAFE ACCESS TO THE ROOF WITHOUT SLIPPING.

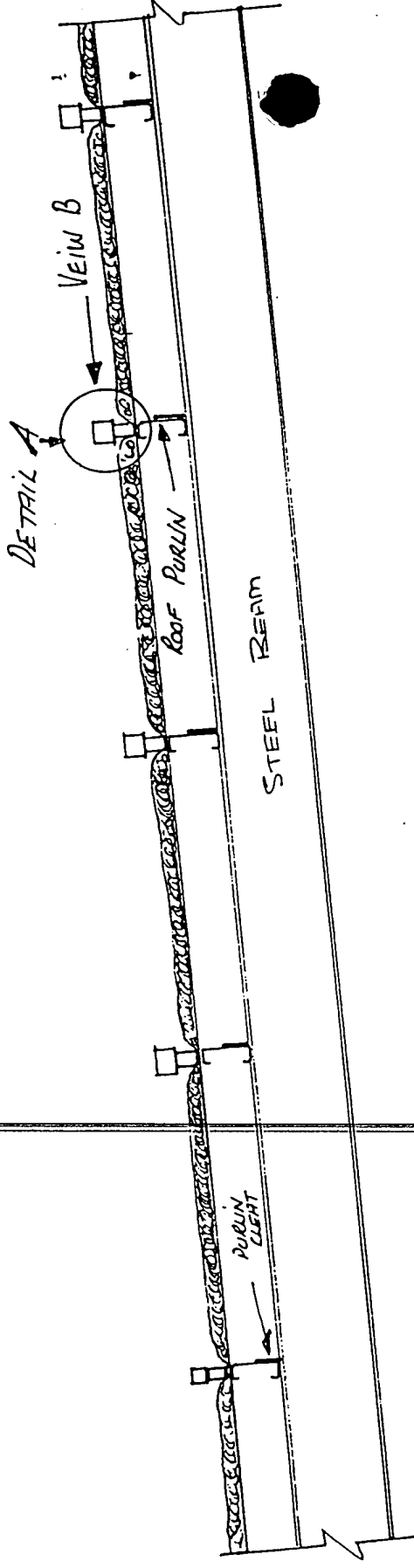
(B) A SIDE VIEW OF STEPPING BLOCKS ON TRUSS ROOF. BLOCKS ARE POSITIONED AT THE SCREW LINE.

(C) DETAILED VIEW OF STEPPING BLOCK. THIS SHOWS THE POSITION OF A MAGNET. IT ALSO SHOWS A METAL GROOVE TO THE UNDER SIDE OF BLOCK, THIS IS USED AS A BACKUP NON SLIP RECESS. IF THE MAGNET WERE TO SLIP THE METAL GROOVE PICKS UP THE EDGE OF THE SCREWS STOPPING THE BLOCK FROM SLIDING DOWN THE ROOF WITHOUT DISSINGAGING FROM ITS POSITION.

DRAWING

(True Copy)

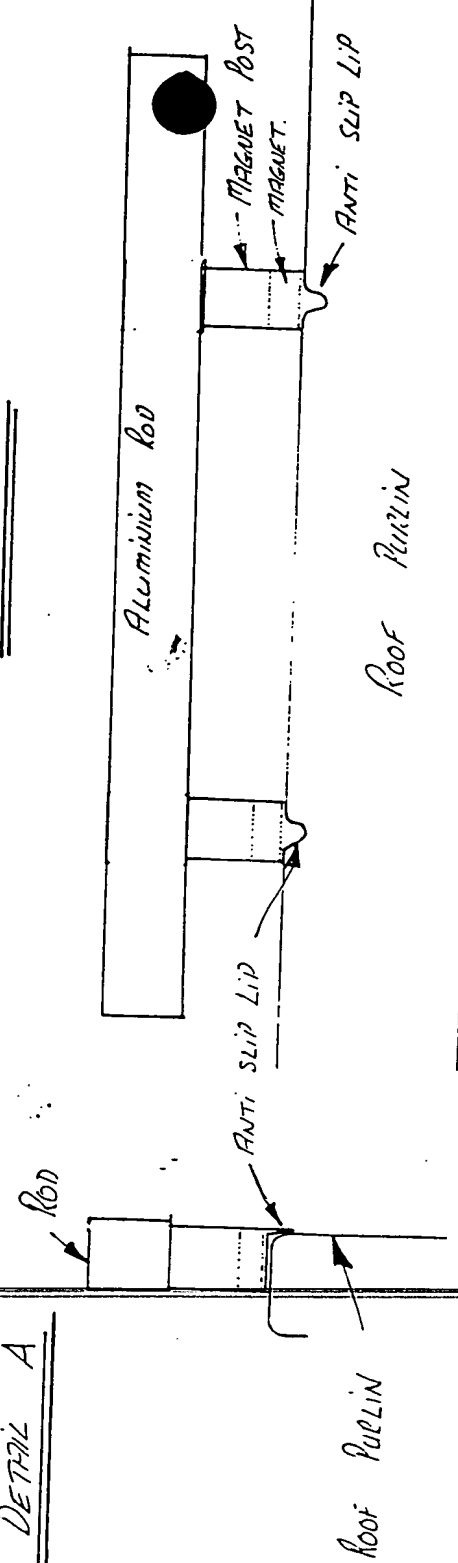
(A)



(B)

VIEW B

DETAIL A



DRAWING No 6 (TRUE COPY)

(A) THIS SHOWS GRAB STICKS POSITIONED OVER ROOF INSULATION MAGNETIZED TO THE PURKINS UNDER IT. THESE GRAB STICKS HOLD THE INSULATION IN PLACE UNTIL ROOF CLADDING CAN BE PUT INTO POSITION.

(B) THIS VIEW SHOWS BACK OF GRAB STICK THE ANTI SLIP LIP PROTRUDES DOWN TO THE UPPER SIDE OF PURKIN SO THAT IF THE INSULATION WANTS TO DRAG DOWN THE ROOF THE NON SLIP LIP PREVENTS THIS FROM HAPPENING.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☒ **FADED TEXT OR DRAWING**

☒ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☒ **GRAY SCALE DOCUMENTS**

☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

THIS PAGE BLANK (USPTO)